	Application No.	Applicant(s)
	10/695,071	BARRY ET AL.
Notice of Allowability	Examiner	Art Unit
	Eric Coleman	2183
The MAILING DATE of this communication appear All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGOT THE OFFICE OF THE OFFICE OFFICE OF THE OFFICE OF THE OFFICE OFF	OR REMAINS) CLOSED in this ap or other appropriate communication GHTS. This application is subject t	plication. If not included n will be mailed in due course. THIS
1. \boxtimes This communication is responsive to <u>preliminary amendment</u>	nt filed 1/12/04.	
2. The allowed claim(s) is/are 47-58.		
3.	been received. been received in Application No uments have been received in this of this communication to file a reply ENT of this application. tted. Note the attached EXAMINER is reason(s) why the oath or declarate be submitted. on's Patent Drawing Review (PTO- Amendment / Comment or in the C Ad(c)) should be written on the drawi e header according to 37 CFR 1.121(it of BIOLOGICAL MATERIAL in	national stage application from the complying with the requirements I'S AMENDMENT or NOTICE OF ation is deficient. 948) attached Office action of ags in the front (not the back) of d). must be submitted. Note the
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☑ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date	6. ☐ Interview Summary Paper No./Mail Da 7. ☐ Examiner's Amendr	te

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REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: The combination of features in the independent claims (47 and 53) has not been found in the prior art. The prior art comprises multiple port register file or memory register storage device organized into plural portions that is accessed (read or write) in parallel by execution units and priority between execution units for access to the memory. However the additional combination (in claim 47) was not found in the prior art as follows: a port priority control logic for resolving a write conflict occurring when the first execution unit attempts to write to both the first portion and the second portion and the second execution unit attempts to write to the second portion the port priority control logic allowing the first execution unit to write to the first portion, the port priority control logic allowing the first execution unit to write to the second portion if the execution unit has a higher priority than the second execution unit, the port priority control logic allowing the second execution unit to write to the second portion if the second execution unit has a higher priority than the first execution unit. The variation to this combination in claim 53 where the steps in claim 47 detailed above are claimed but the priority logic is not specified was also not found in the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric Coleman whose telephone number is (571) 272-4163. The examiner can normally be reached on Monday-Thursday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eddie Chan can be reached on (571) 272-4162. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

EC

ERIC COLEMAN
PRIMARY EXAMINED